

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2005/000246

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B21D26/02 B21C23/08 B21C23/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B21D B21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 930 109 A (GKN SANKEY LIMITED; AMBORN, PETER, DR.-ING; GKN AUTOSTRUCTURES LIMITED) 21 July 1999 (1999-07-21)	1,2
Y	paragraph '0016!	3-10, 19-23
	paragraph '0028! - paragraph '0031!; claims 1,6; figures	
X	EP 0 815 985 A (FIAT AUTO S.P.A) 7 January 1998 (1998-01-07)	1,2, 13-16
Y	column 3, line 56 - column 4, line 27	3-10, 19-23
	column 7, line 24 - line 38; claims 1,9; figures	
A	GB 1 227 255 A (DOW CHEMICAL COMPANY) 7 April 1971 (1971-04-07)	1-10, 13-16
	claims 1,9; figures; example 13	
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

18 May 2005

Date of mailing of the international search report

01/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Barrow, J

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IL2005/000246

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05, 30 June 1995 (1995-06-30) & JP 07 032076 A (MITSUBISHI ALUM CO LTD; others: 02), 3 February 1995 (1995-02-03) abstract -----	1, 13
A	GB 1 331 101 A (DOW CHEMICAL CO) 19 September 1973 (1973-09-19) claims 6,10 -----	1, 13, 19
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24, 11 May 2001 (2001-05-11) & JP 2001 200349 A (NISSHIN MANUFACTURING KK), 24 July 2001 (2001-07-24) abstract -----	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2005/000246

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0930109	A	21-07-1999	US 6067831 A	30-05-2000
			DE 69826234 D1	21-10-2004
			DE 69826234 T2	27-01-2005
			EP 0930109 A2	21-07-1999
			JP 11254052 A	21-09-1999
EP 0815985	A	07-01-1998	IT T0960536 A1	22-12-1997
			DE 69706482 D1	11-10-2001
			DE 69706482 T2	16-05-2002
			EP 0815985 A1	07-01-1998
			ES 2163068 T3	16-01-2002
GB 1227255	A	07-04-1971	DE 1758965 A1	11-03-1971
			FR 1581312 A	12-09-1969
JP 07032076	A	03-02-1995	JP 3403762 B2	06-05-2003
GB 1331101	A	19-09-1973	NONE	
JP 2001200349	A	24-07-2001	NONE	